

In the drawings

Please enter the corrections to Figures 2, 3 and 13 as shown on the “Replacement sheets” in the attached Appendix “A”. Appendix “B” shows the “Annotated Marked-up copies of these sheets showing the changes made in red.

Please enter the new sheets of drawings in Appendix “C” showing new Figures 17 and 18.

Remarks

In the Office Action the Examiner has indicated that certain claims are allowable and that changes in the drawings are required. He has also rejected certain claims on the prior art.

In response applicant has amended herewith the claims, drawings and specification (without adding new matter) to overcome the art and place the case in condition for allowance.

To understand these amendments, it is helpful to understand the invention. The invention improves windmill performance by providing multiple sets of three windmill blades attached to one another and mounted to a single hub. The hub can be provided with multiple plates to mount groups of blades.

The blades can be positioned at an angle to one another and at an angle to the shaft of the windmill.

The amendments to claims 1-3, 23, and 25-27 reflect this invention.

The amendments to the drawings conform to the Examiner's requirements and aid in an understanding of the invention.

In particular, Figure 2 has been amended to show part numbers; which have been inserted on page 7 of the specification.

Figure 3 has been amended to show part numbers and center lines. A description has been inserted on page 8 of the specification.

Figure 13 has been amended to show part numbers; which have been inserted on page 10 of the specification.

These additions are believed to address the objections raised on page 2, paragraph numbered 2 of the Office Action.

The objections raised on page 2, paragraph numbered 3 of the Office Action relate to the claim language calling for multiple hubs. That claim language has been amended to call for a single hub. Support for this language is shown in Figure 2, part number 30 and Figures 4 and 15.

In addition, the specification states “Figure 4 shows the method of mounting the blades with respect to the hub of a bi-blade windmill”.

For greater clarity, applicant has submitted a new Figure 18 with additional numbers; as now set forth on page 11 of the specification. This Figure is the same as Figure 4, except that it adds an additional blade and plate mounted to the hub. This reflects the mounting of the three blades shown in Figure 1. See also the description of Figures 14-16 on pages 11 and 12 of the specification. This description regarding the new Figure 18 has been clarified by the amendment to page 11. Note also that Figures 6 and 7 show details of mounting the ends of the blades to the hub plates as described in the specification on page 8.

To further illustrate the mounting of three blades, new Figure 17 has been added together with a description on page 12. Figure 17 is the same as Figure 2, except that an additional blade is shown attached to an additional hub plate.

These new figures should satisfy the Examiner’s objections on page 3, in paragraph numbered 4 carrying over to page 5.

In that regard, page 5 of the specification has been changed to reflect a clarification in language, that is, that a single hub may have multiple plates.

The remaining changes to the specification correct obvious clerical errors.

Regarding the rejection under section 102 of claims 1-4 and 23 in view of Carter (USPN 3,942,026), the amendments to the claims make it clear that the groups of blades are mounted to a single hub. Carter discloses a plurality of wind wheels mounted on opposite ends of a shaft. Column

1, lines 30-32; column 2, lines 42-44. Thus there are multiple hubs. Accordingly, the claims as amended distinguish over the art. New claims 25-27 also set out this distinction over the art.

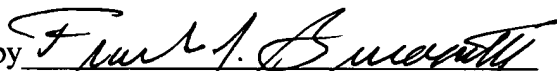
Claims 5 and 24 have been rewritten to include the allowable subject matter referred to in the Office Action.

A credit card form covering the additional independent claim is attached.

Given the withdrawal of certain claims, it is believed that no additional claim fee is due for the new dependant claims. However, if any additional fees are required in connection with this Amendment, please charge the undersign attorney's account #02-3295 under Order #5532-20244.

Reconsideration of the application, as amended, is respectfully requested as is an early notice passing the case to issue.

Respectfully submitted,
FRANCIS J. McCABE

by 

Frank J. Benasutti, Esquire

Reg. No. 24,155

Attorney for Applicant

17294 Bermuda Village Drive

Boca Raton, FL 33487

Telephone 561-994-5959

Facsimile 561-994-5990

E-mail iptrials@aol.com

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APPENDIX A

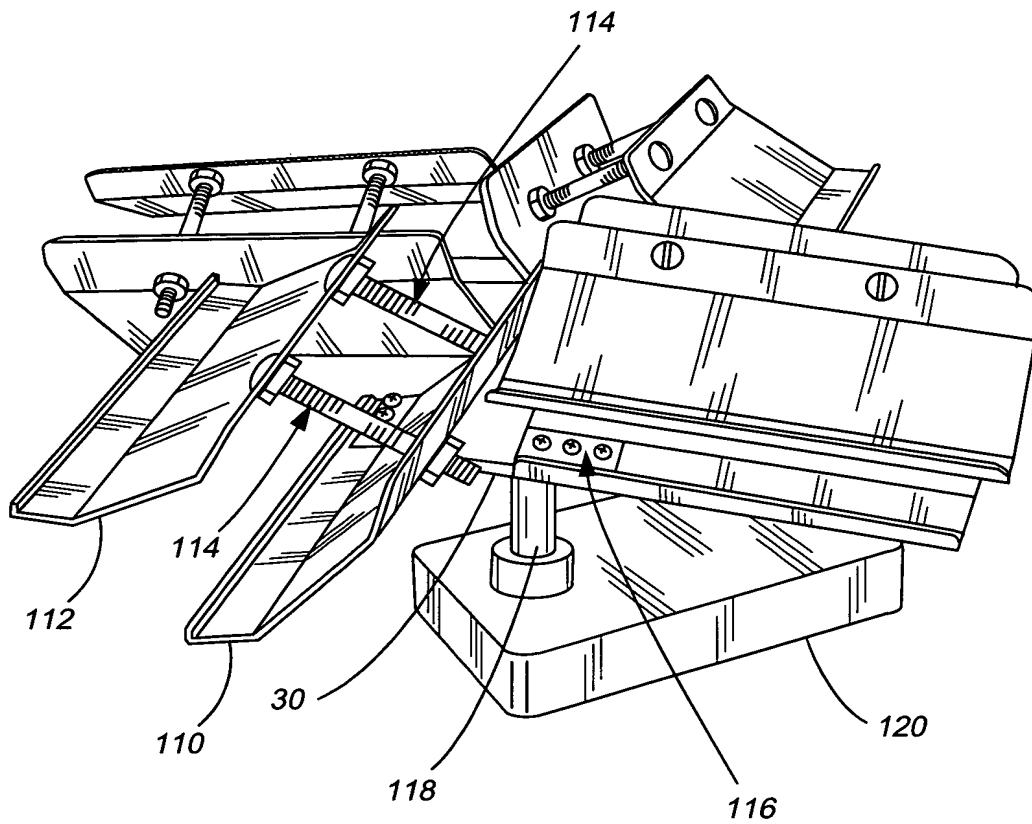


FIG. 2



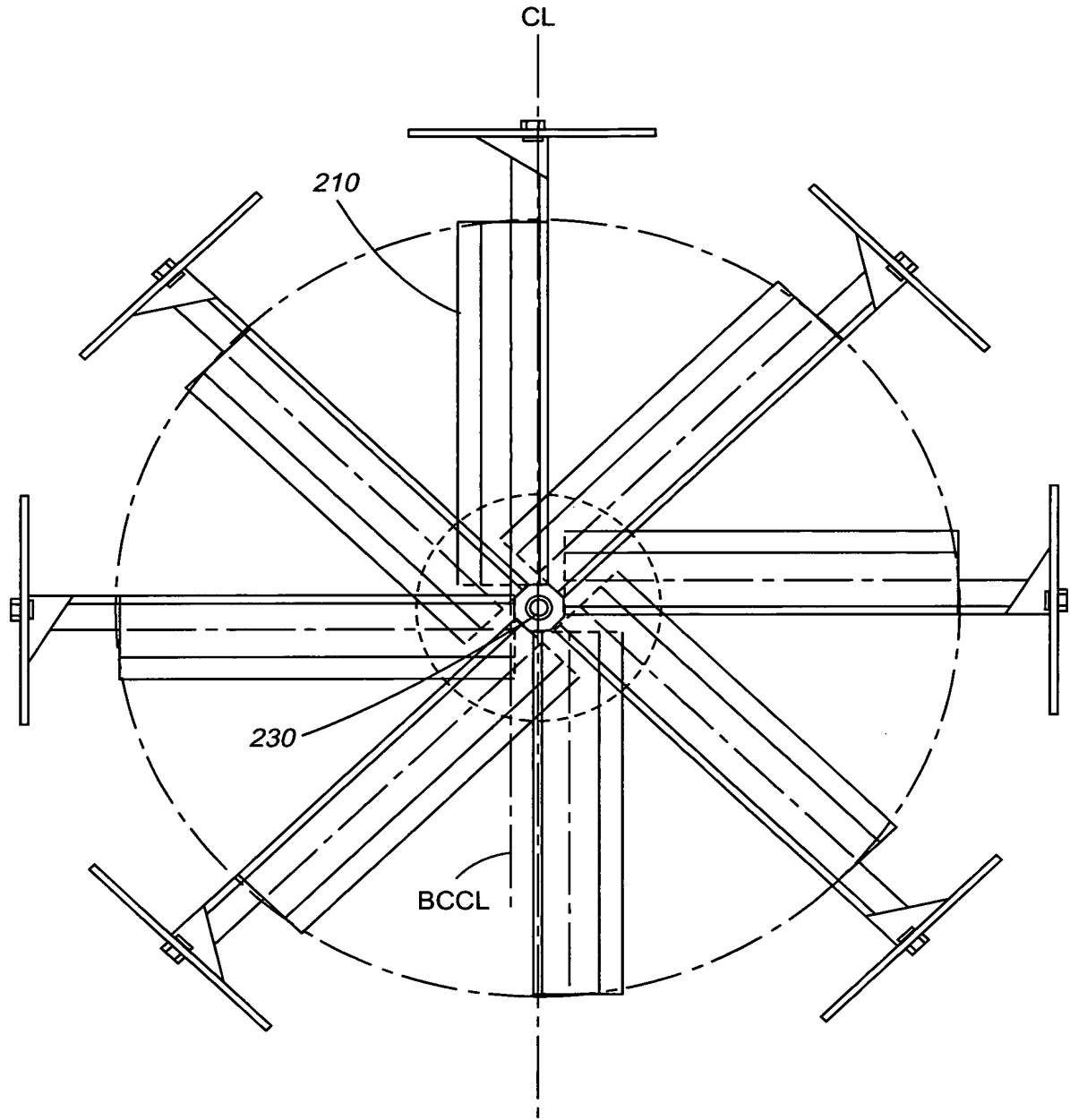


FIG.3



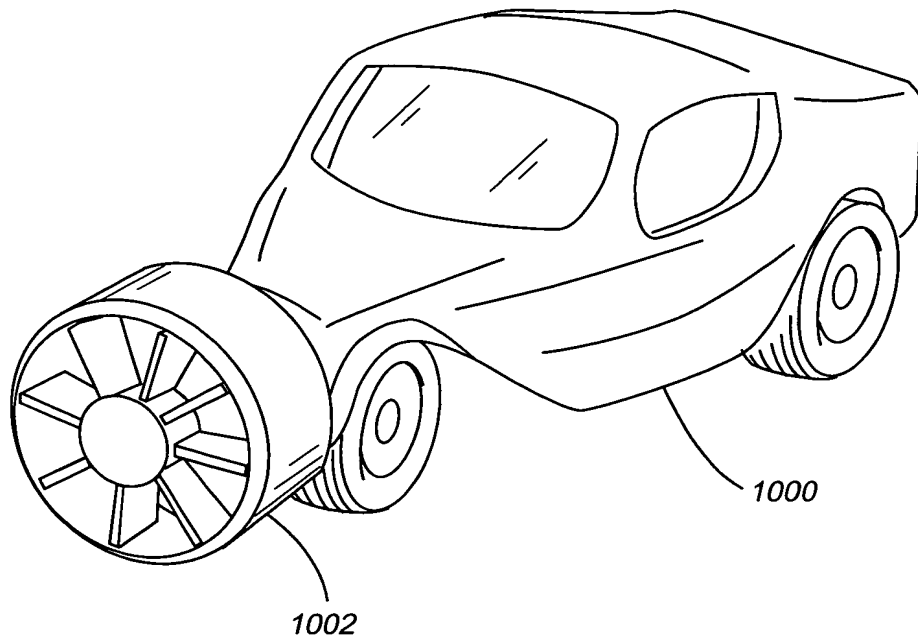


FIG. 13

